



# Asset Valuation Seminar

12th of June 2018

**rb** RITCHIE BROS.  
Auctioneers

**IRON**  
PLANET

**MASCUS**

**Marketplace**  
An IronPlanet solution

# Agenda

12:45 - **Welcome with sandwich lunch**

13:30 - **Asset risk management, the impact of asset valuation on Equity**  
*by Jean-Paul van Grinsven (ING Lease)*

14:15 - **Circular leasing proposition, the lease of pre-used assets (do's & dont's)**  
*by Frits Engelaer (DLL Group)*

15:00 - **Break**

15:30 - **Introduction Ritchie Bros.**  
*by Christian Sonnevile (Ritchie Bros.)*

15:45 - **Asset Valuation tools for Portfolio & Asset management**  
*by Rickard Krøtø and Johan Lustig (Mascus International)*

17:00 - **Q&A and closure**

17:30 - **Drinks & snacks offered by Ritchie Bros. (until 18:45)**

# Approaching asset valuation

And impact on equity

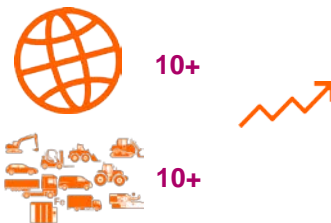
Jean-Paul van Grinsven

NVL – BLA seminar, Zevenbergen 12-6-2018

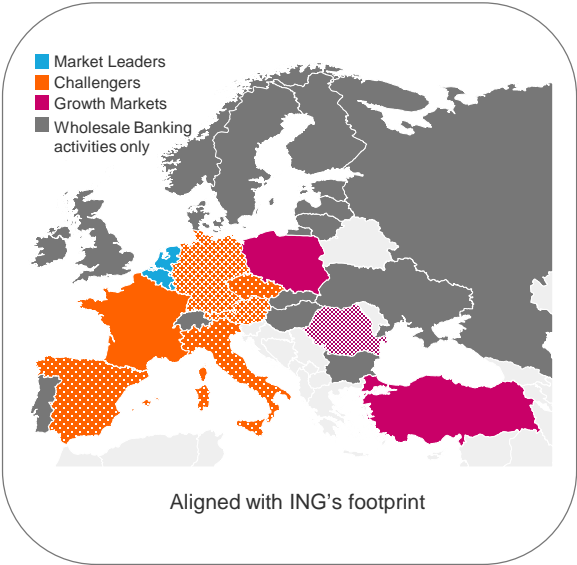


# leasing

## About me



# About leasing within ING



Offering		BE	FR	LU	NL	PL	TR
Asset	Wheels	✓	✓	✓	✓	✓	✓
	Equipment	✓	✓	✓	✓	✓	✓
	ICT	✓	✓	✓	✓	✓	✓
	Real estate	✓				✓	✓
Tickets	Small	✓		✓	✓	✓	
	Mid	✓	✓		✓	✓	✓
	Big	✓	✓		✓	✓	✓
Segment	Corp	✓	✓	✓	✓	✓	✓
	MidCorp	✓		✓	✓	✓	✓
	SME / Prof	✓		✓	✓	✓	

Country offering

# Trends & regulations impacting the industry

## Overall trends

- **Circular economy**, circular supply chain
- Bundled services, **pay-per-use**
- Customer journeys within ecosystems
- **Customer experience** is differentiator
- New models fuelled by **fintechs**

## Regulations

- **Accounting Rules**
  - IFRS 16 Lease accounting
  - IFRS 9 Provisioning
- **Basel regulations**
  - Basel 3.5 / 4
  - Stricter model approach
- **GDPR**
- **AMLD 4**
- **Cybersecurity**

# Asset based = lower risk = higher returns

## Capital

Standardised

✗

Foundation

≈

Advanced

✓



## Provisions

Local GAAP ?

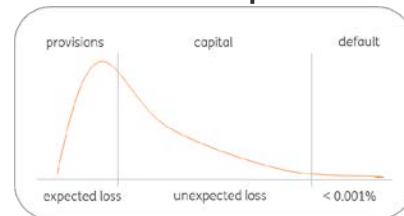
✗

IFRS 9

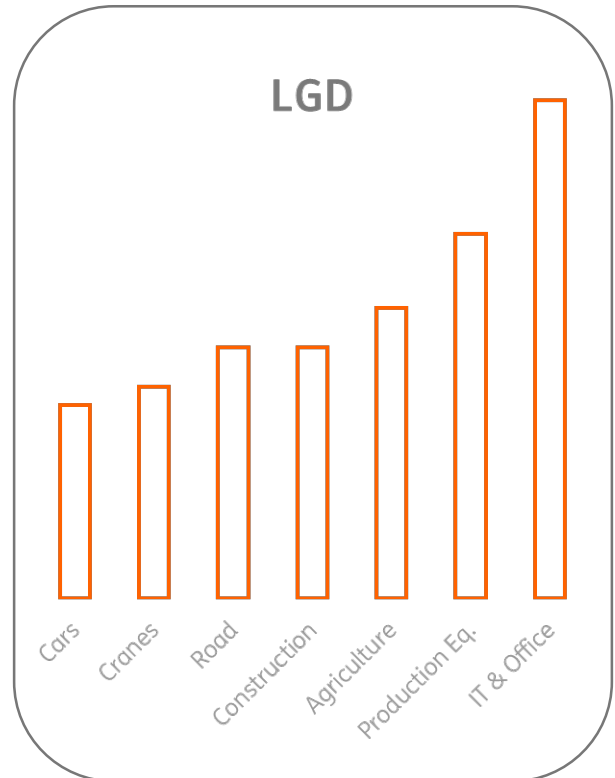
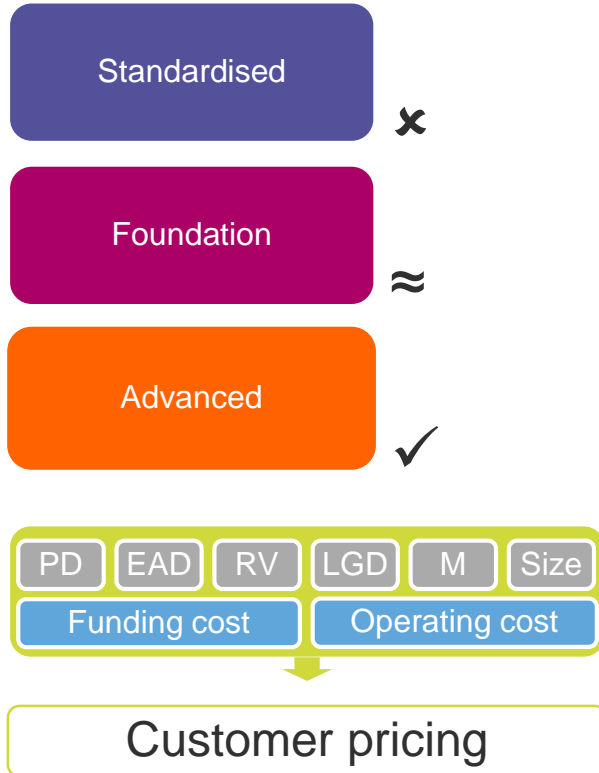
✓



## Provisions vs. capital

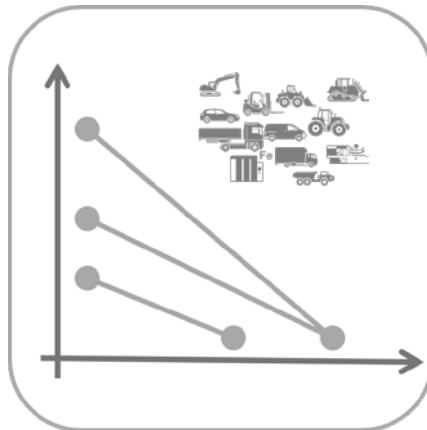


## But assets are just one of the drivers for return

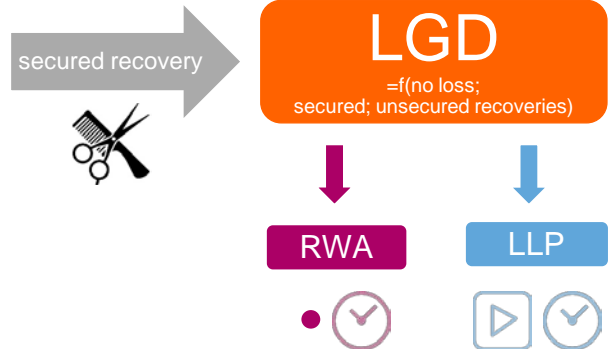
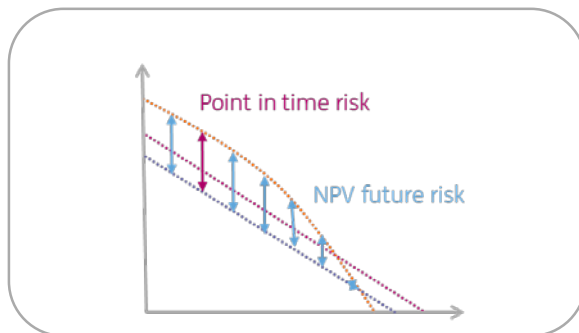
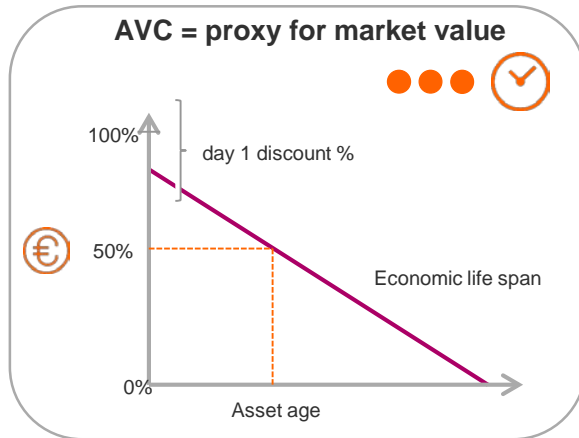




## Our regulatory approach to asset valuation



# Asset valuation curves & financial impact



≈ 100 different assets  
≈ 20 different AVCs  
reviewed annually



# Establishing AVCs

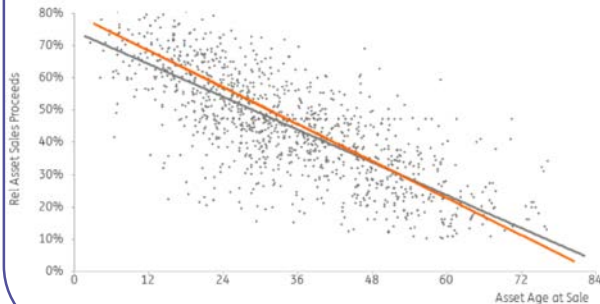
## ECB – Targeted Review of Internal Models

- Increasing interest in asset valuation approach
- Increasing strictness in interpretation of regulations

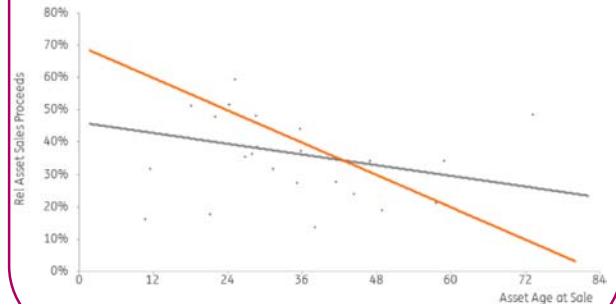
## External auditor: IFRS-9 scrutiny

- Models may not under estimate but also not over estimate
- And must reflect current macro economic outlook

Asset group x



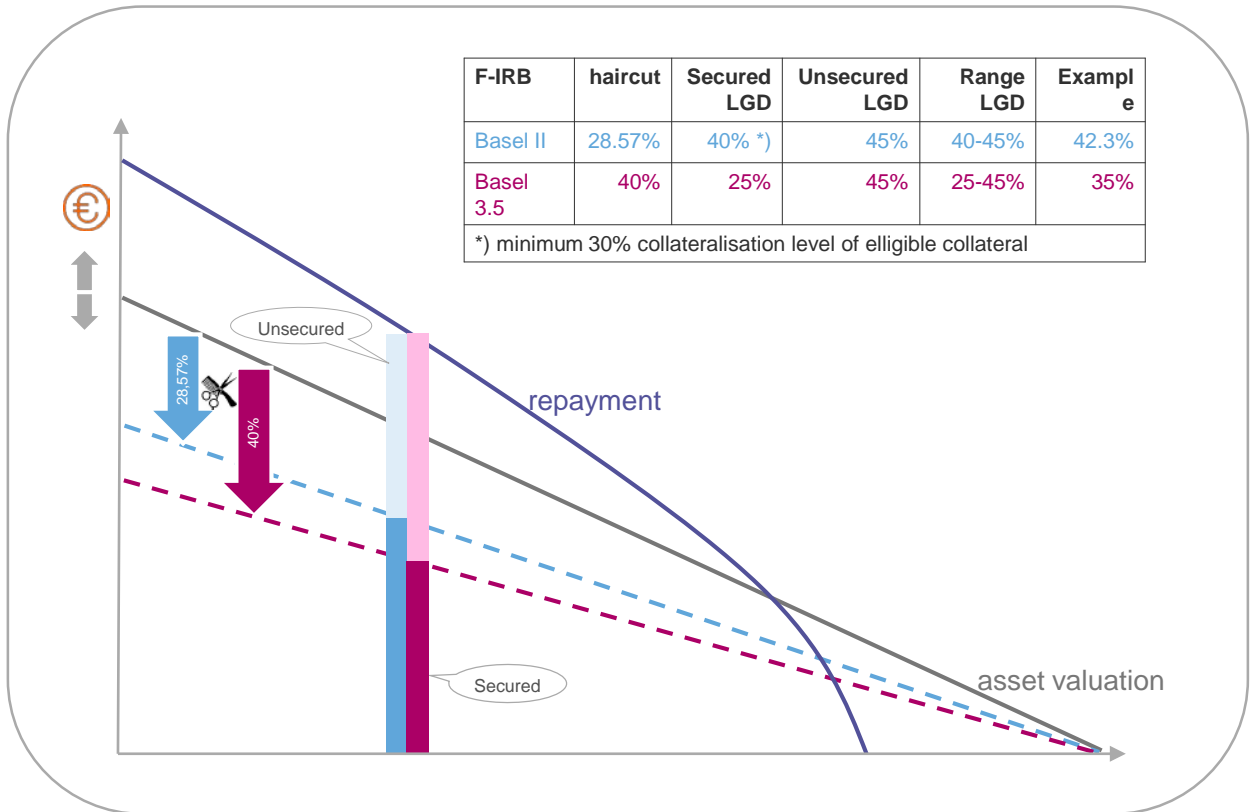
Asset group y



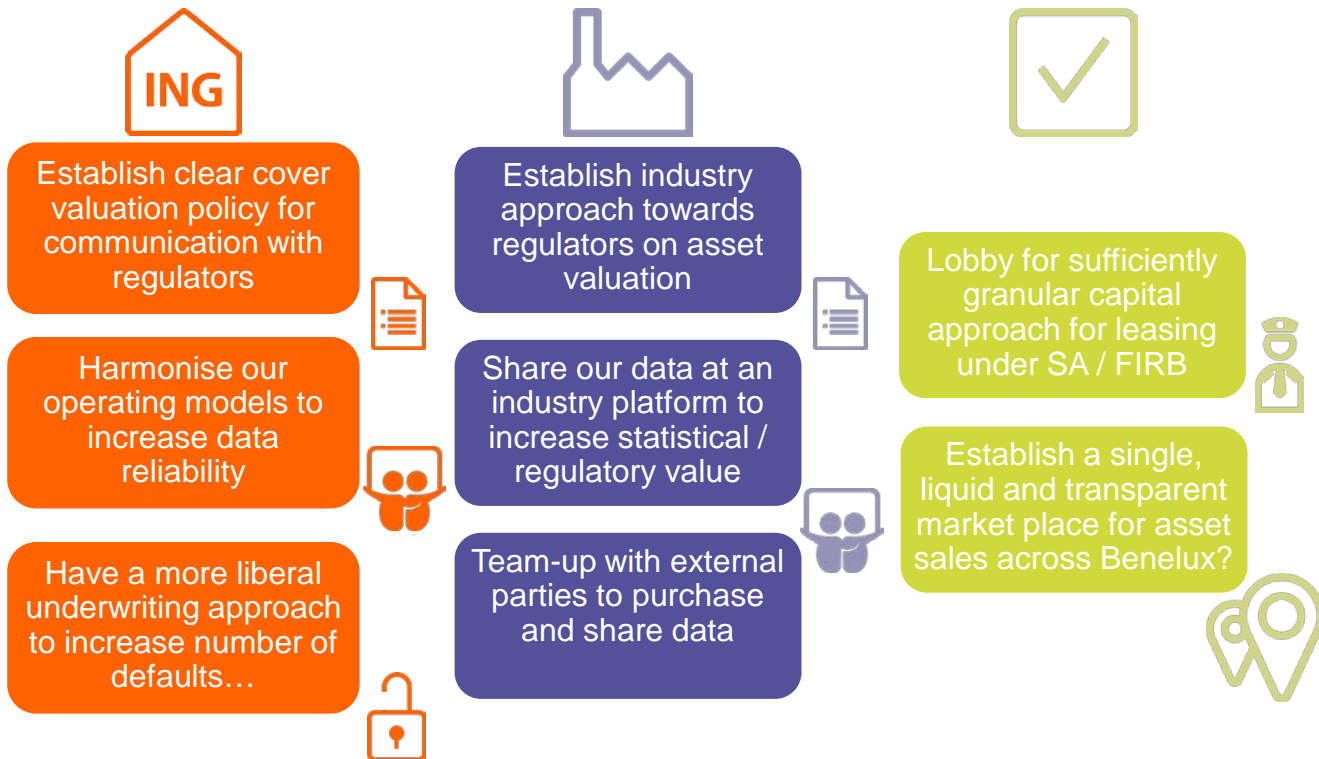
- Bad recoveries dominate internal data
- Data quality: outliers, reliability
- Volatility: 90% of all cases realizing >70%?

- How prove liquid markets?
- How to substantiate expert view?
- Granularity okay for regulatory <=> business

## Eligible market values are of increasing relevance



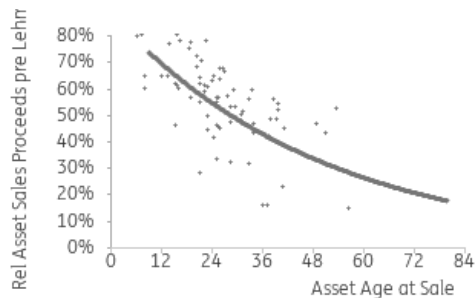
# Ideas to improve our asset valuation approach



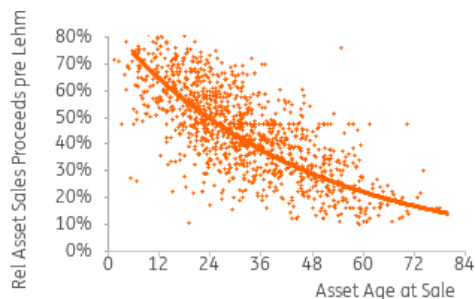
**Thank you**

# Limited volatility throughout the cycle

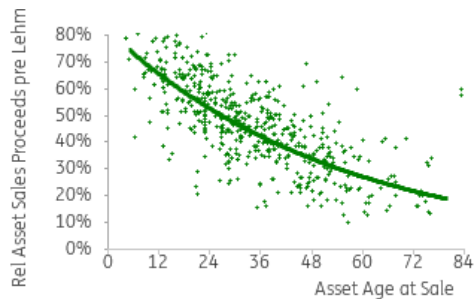
Pre-Lehman – limited data, learning collection



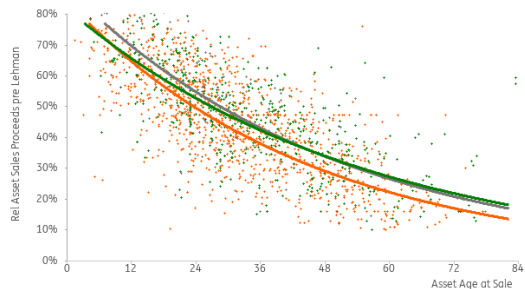
Post-Lehman (until 2014) – many data points



Recent years – normal cycle, mature collection

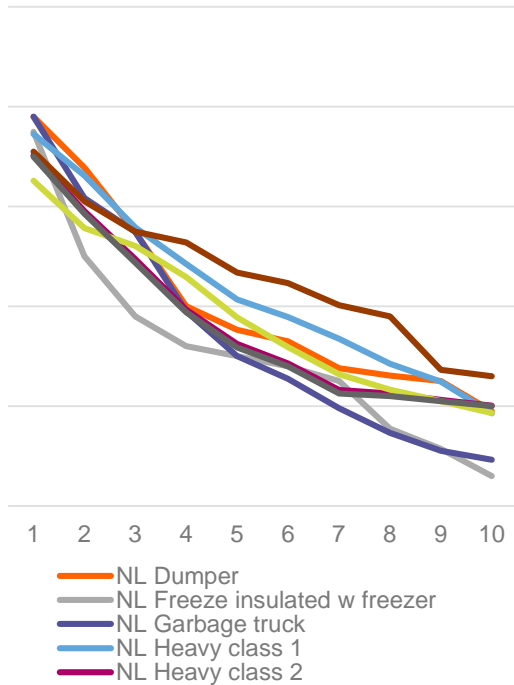


Throughout the cycle

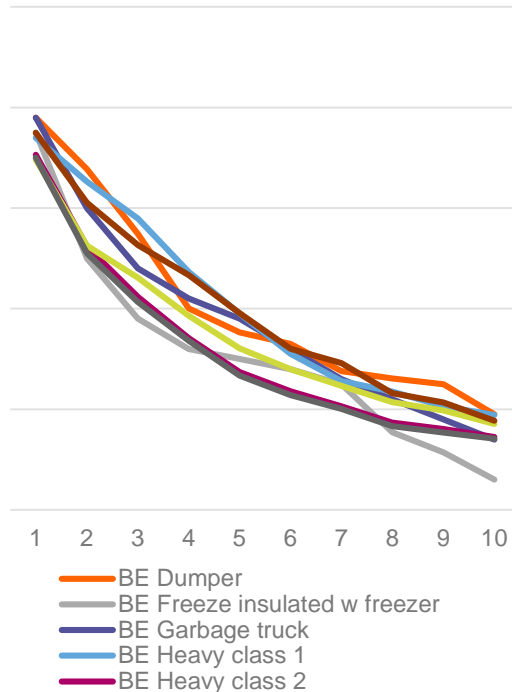


## Greater granularity, in assets and countries

Netherlands



Belgium





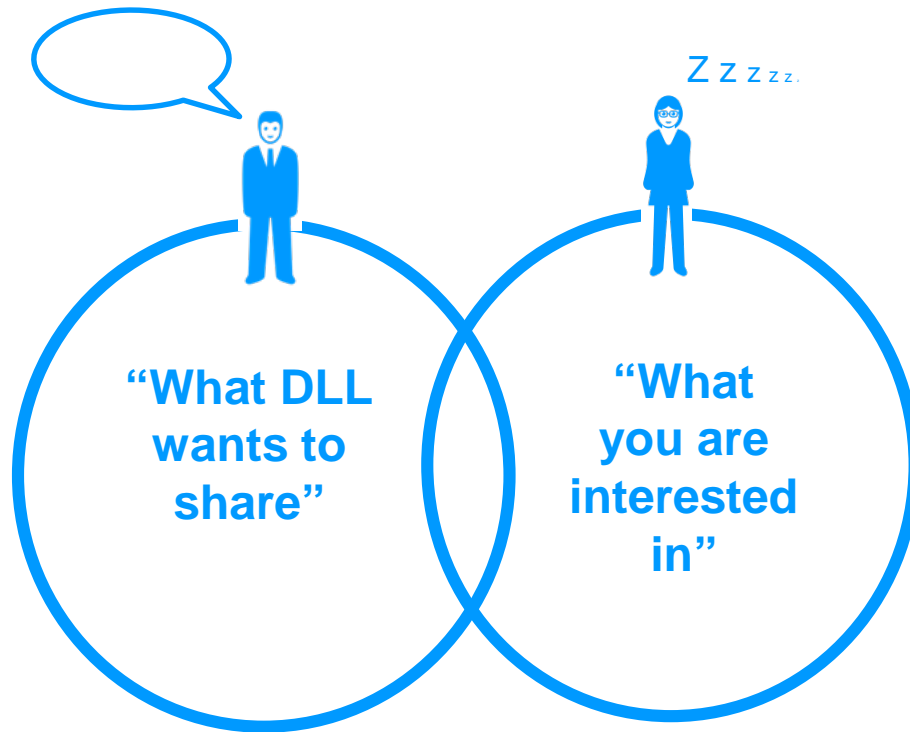
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# 2<sup>nd</sup> life finance **in a Circular Economy**

**See what counts.**

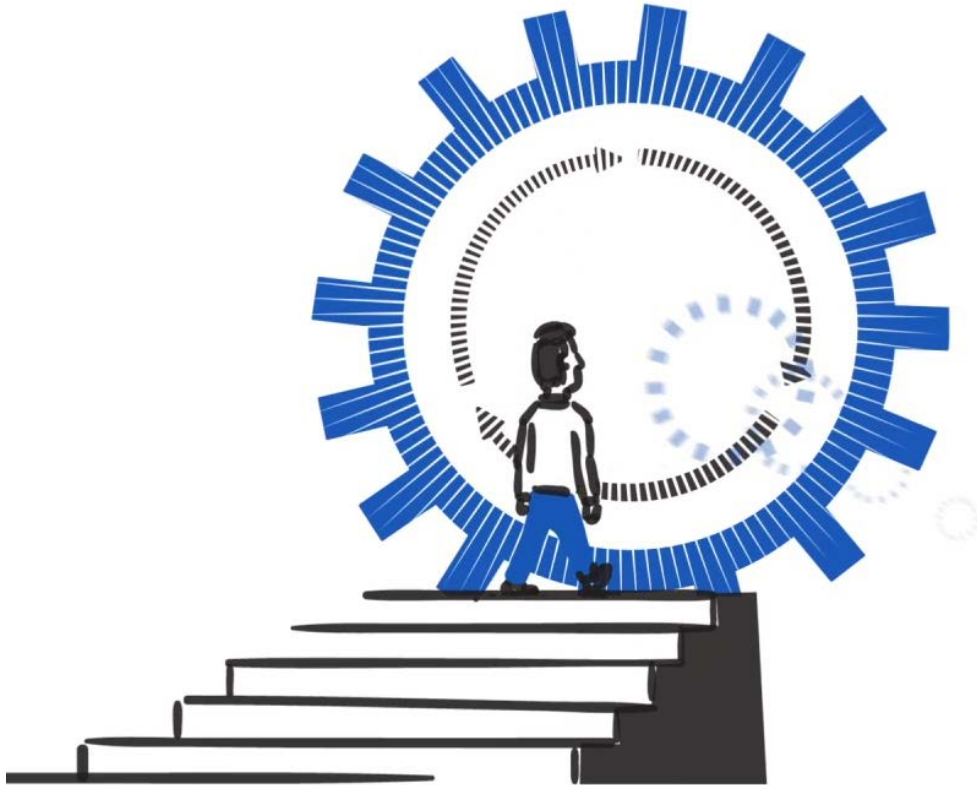
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# Focus of today

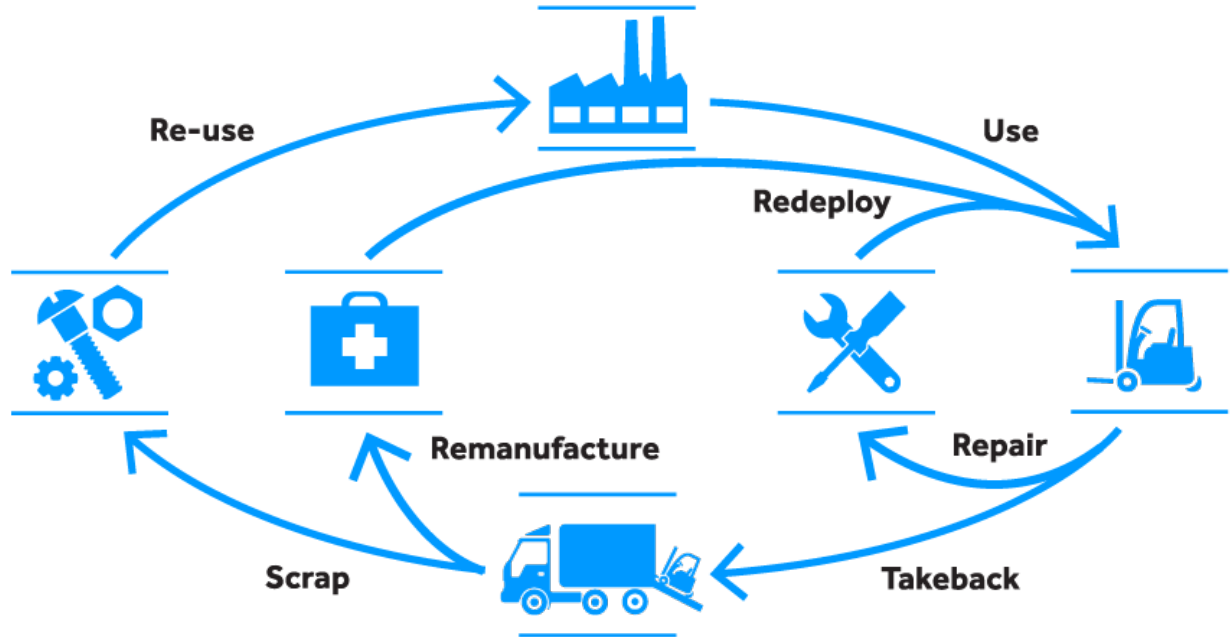


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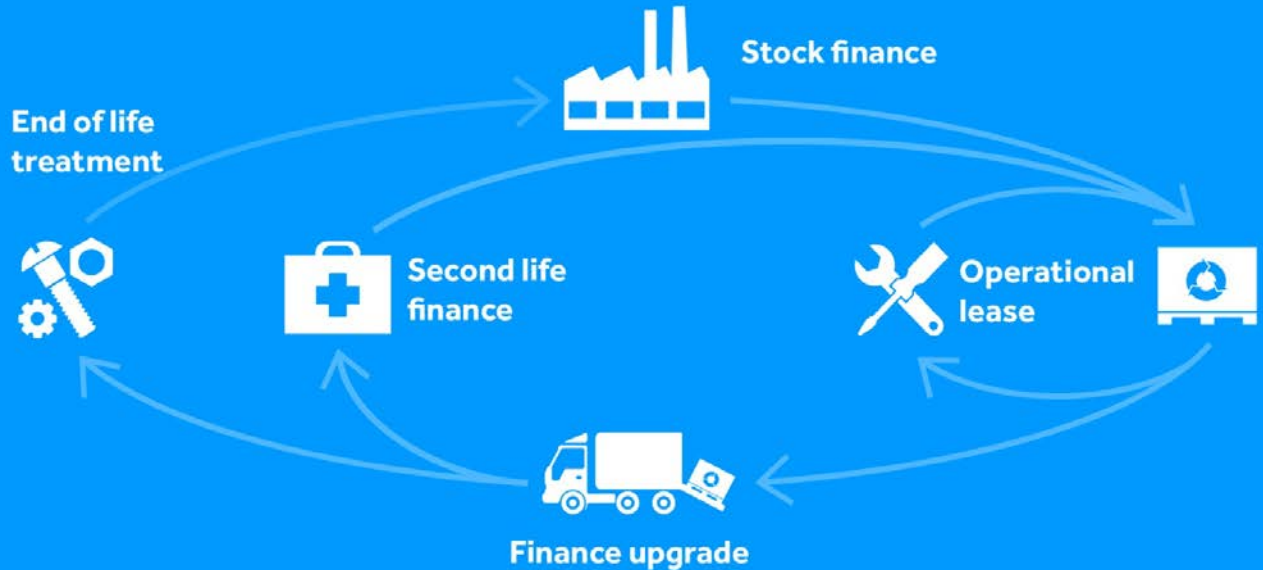
# Build sustainable business for the future



# Control the full technical lifecycle of assets



# Therefore we develop new finance solutions



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# Focus - Financing **USED** vs **NEW** assets



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We are **NOT** financing dodgy business



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# Challenge: lack of standards

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- Re-Used
- Refurbished
- Remanufactured



# Point of Sale Marketing activities







## Realising opportunities of a circular business model

A circular, usage-based business model seems for many businesses a utopian vision. A vision which is hard to make concrete and economically viable. Whose equations do we have to solve when it comes to a case study?

See what counts.

dll financial solutions partner



## Sustainable returns by recovering used assets

Manufacturers increasingly realise the importance of not just getting rid of their assets, but also of getting them costfully returned as a managed asset.

See what counts.

financial solutions partner



Blueprint

## Professionalizing used asset sales with dedicated promotion materials

The professional sales of used assets is becoming increasingly important for manufacturers. But how should you create dedicated promotion materials that put your used assets in the spotlight they deserve?

See what counts.

financial solutions partner



## Equipment with pre-sets

See what counts.

dll financial solutions partner



## Moving owned assets by standing by

Manufacturers and dealers learn from these insights. See what counts.

dll financial solutions partner

Things can mean for your business through providing a series of real case examples. See what counts.

dll financial solutions partner

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# See what counts.

[www.dllgroup.com](http://www.dllgroup.com)

# 15:00 Break

12:45 - **Welcome with sandwich lunch**

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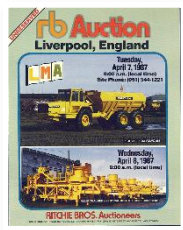
17:30 - **Drinks & snacks offered by Ritchie Bros. (until 18:45)**



# Introduction to Ritchie Bros.



*First auction*  
**1958**



*First auction in Europe*  
**1987**



*Listed on NYSE*  
**1998**



*Listed on TSX*  
**2004**



## Acquisitions

**MASCUS**

*Feb. 2016*

**IRON  
PLANET**

*Aug 2016*

# More Ways We Deliver

**\$4.5B**

In gross transactional  
value

**400+**

unreserved onsite  
auctions with online  
bidding

**78**

weekly online  
auctions

**40+**

auction sites in  
12 countries

**4.4M+**

average monthly  
website visitors

**3.3M**

registered website  
users

**170K+**

buyers

# Leveraging our auction DNA into a broad suite of solutions

## rb Asset Solutions

### Integrated Onsite + Online Auctions

**rb RITCHIE BROS.**  
Auctioneers

**AUCTION  
SERVICES** **CAT**

**KRAUSE** ENERGY

*Petrowsky Auctioneers*  
A Ritchie Bros. solution

**KRAMER  
AUCTIONS**  
A Ritchie Bros. solution

### Online Marketplaces

**IRON**  
PLANET

**Marketplace**  
An IronPlanet solution

### Listing Service

**MASCUS**

### Sector related branded sites

**FLEETLOCATOR**  
Introducing a NEW Way to Buy Trucks!

**GOV** PLANET

**SalvageSale**  
POWERED BY RITCHIE BROS.

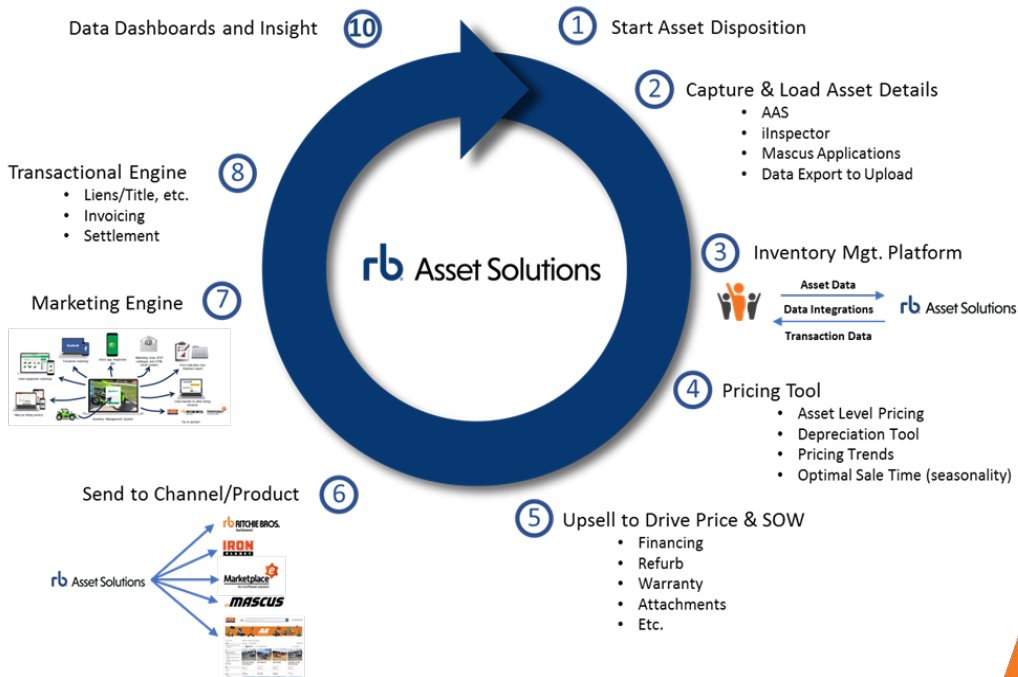
### Brokerage

**rb PRIVATE TREATY**  
A Ritchie Bros. Solution



# Supporting All Phases of the Equipment Lifecycle

## Asset Solution – Equipment Lifecycle



# All-inclusive service



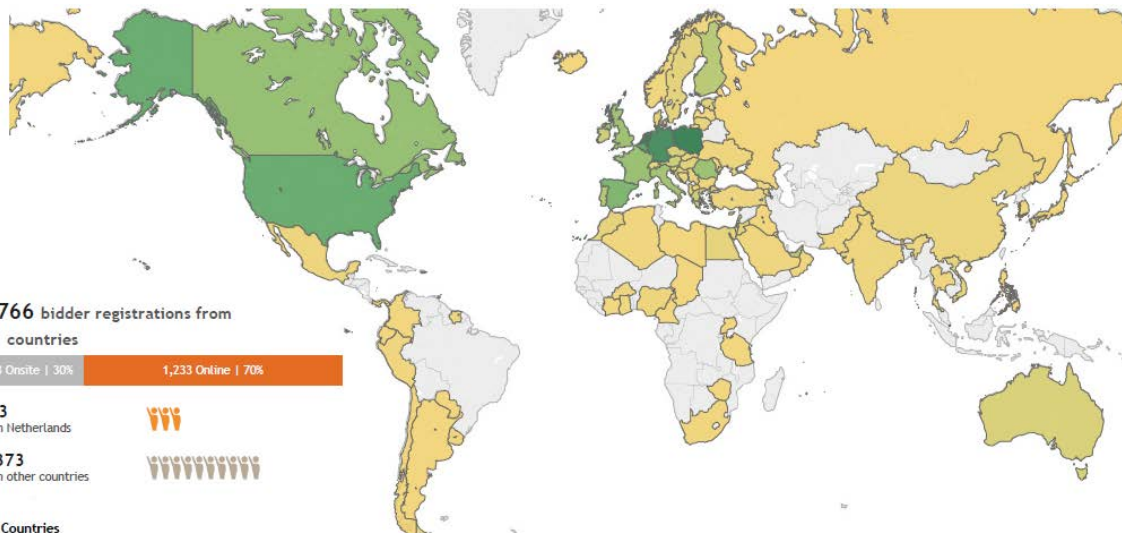
- Inventory management
- Used equipment website platforms
- Assistance Repossession
- Logistics and shipping (RBL)
- Storage
- Inspections
- Valuations
- Refurbishing
- Insurance



# Growing Global Demand

Our global network and reach, sales solutions and services bring the most motivated buyers from around the planet. Selling with us means world-class representation of your equipment online and onsite.

# Auction results | Moerdijk May, 2018



1,766 bidder registrations from  
91 countries

533 Onsite | 30%

1,233 Online | 70%

393  
from Netherlands



1,373  
from other countries



## Top Countries

Netherlands	393	United Kingdom	52	Australia	16	Morocco	9
Poland	189	Italy	48	Hungary	13	Serbia	9
Germany	134	Portugal	36	Croatia	12	Viet Nam	9
Belgium	100	Finland	35	Estonia	11	Denmark	8
United States	90	UAE	34	Lebanon	11	Israel	8
Spain	72	Ireland	23	Sweden	10	Slovenia	8
Canada	57	Austria	22	Egypt	9	Switzerland	8
France	54	Greece	21	Jordan	9	Kuwait	7
Romania	53	Czech Republic	18	Lithuania	9	Slovakia	7

# Auction results | Moerdijk May, 2018

35,228,882 EUR  
equipment sold

623  
buyers

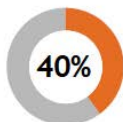
380  
online



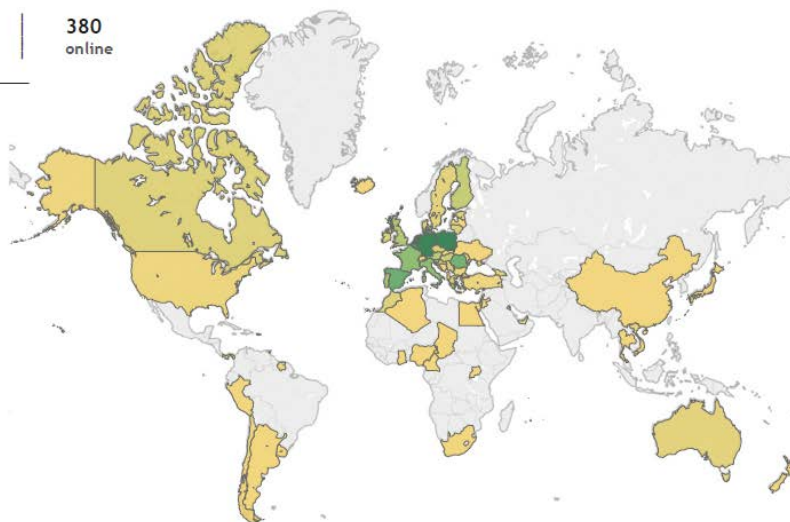
5.03M EUR  
to Netherlands



30.20M EUR  
to other countries



14.09M EUR  
sold online



## Top Countries

Netherlands	150	5,029,000 EUR
Germany	53	4,199,960 EUR
Poland	80	3,040,605 EUR
Italy	21	2,070,612 EUR
Belgium	43	1,992,875 EUR
Kuwait	2	1,880,270 EUR
Spain	29	1,256,875 EUR
France	21	1,204,685 EUR
United Kingdom	13	1,166,950 EUR

Australia	4	1,063,000 EUR
Romania	27	1,025,730 EUR
Switzerland	1	892,500 EUR
Morocco	5	724,035 EUR
Finland	10	627,350 EUR
Israel	5	507,400 EUR
Czech Republic	7	489,330 EUR
Canada	5	486,500 EUR
Portugal	15	456,145 EUR

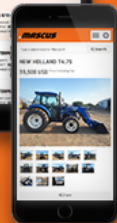
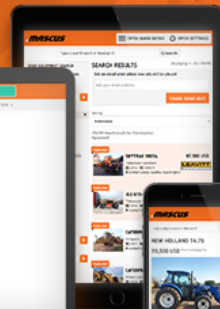
Algeria	1	408,000 EUR
Austria	12	399,105 EUR
Estonia	5	396,495 EUR
Cyprus	3	390,745 EUR
Hong Kong	4	383,500 EUR
Greece	7	346,800 EUR
Chad	1	345,000 EUR
South Africa	1	325,000 EUR
Ireland	5	303,320 EUR

Croatia	6	300,820 EUR
Albania	2	229,585 EUR
Japan	1	212,500 EUR
Sweden	4	212,500 EUR
Georgia	3	191,825 EUR
Uganda	1	158,050 EUR
UAE	4	158,000 EUR
Viet Nam	3	153,000 EUR
Serbia	5	148,065 EUR

**MASCUS**



# Asset valuation tools for portfolio & asset management





# Mascus history



- Growth capital provided by Alma Media, a Finnish media company

2001 — 2003

- Founded by Partek Corp. as one of the first online B2B trading platforms

**PARTEK**



**VALTRA**



2003 - 2006

- Expansion into the Nordics.
- Opening UK and Ireland offices
- **Marknadspriiser** starts 2006 together with KVD

- Buys data from Mascus

2007 - 2008

- Rapid expansion across Europe
- Quick growth in traffic and content

2009 - 2012

- KVD sells **Marknadspriiser** to Mascus in 2010

**MARKNADSPRIISER**  
Priaustatistik o Värderingar

2013 - 2016

- MBO Mascus
- Move HQ to Netherlands

2016

- Ritchie Bros. buys Iron Planet



**100% Daughter company of Ritchie Bros:**

- Many more plans...

# Mascus in a nutshell



**400 000**

used equipment for sale in 6 sectors



**6 000**  
Clients

**In 58**  
Country web sites



Since  
**2000**



**38** languages  
and **150** currencies



**100** employees

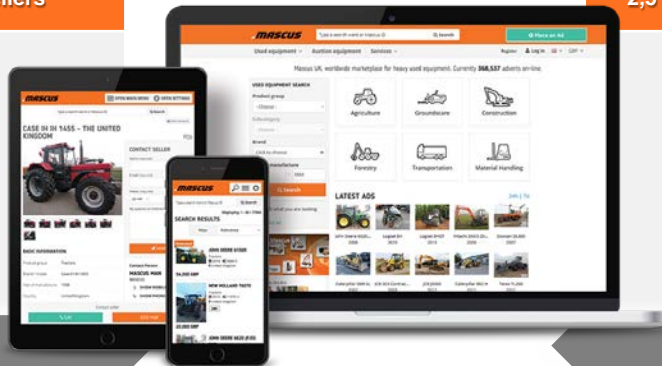


# Who is using Mascus

6 000 professional sellers

Dealers  
Traders  
OEMs  
Auctioneers  
Rental companies  
Major contractors  
And private persons and small entrepreneurs

Supply






















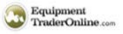




2,5 million unique buyers / months









Dealers  
Traders  
Importers  
Transporters  
Entrepreneurs  
Farmers  
Contractors

Demand

# Number of listings April 2018 (World)

Construction 	Agriculture 	Transport 	Material Handling 	Forestry 
 196,336	 202,410	 226,661	 79,566	 7,949
 147,763	 105,458	 164,110	 45,052	 5,131
 120,040	 96,945	 141,100	 27,271	 3,085
 79,571	 85,474	 96,210	 22,226	
 37,029	 85,000	 77,724	 14,346	

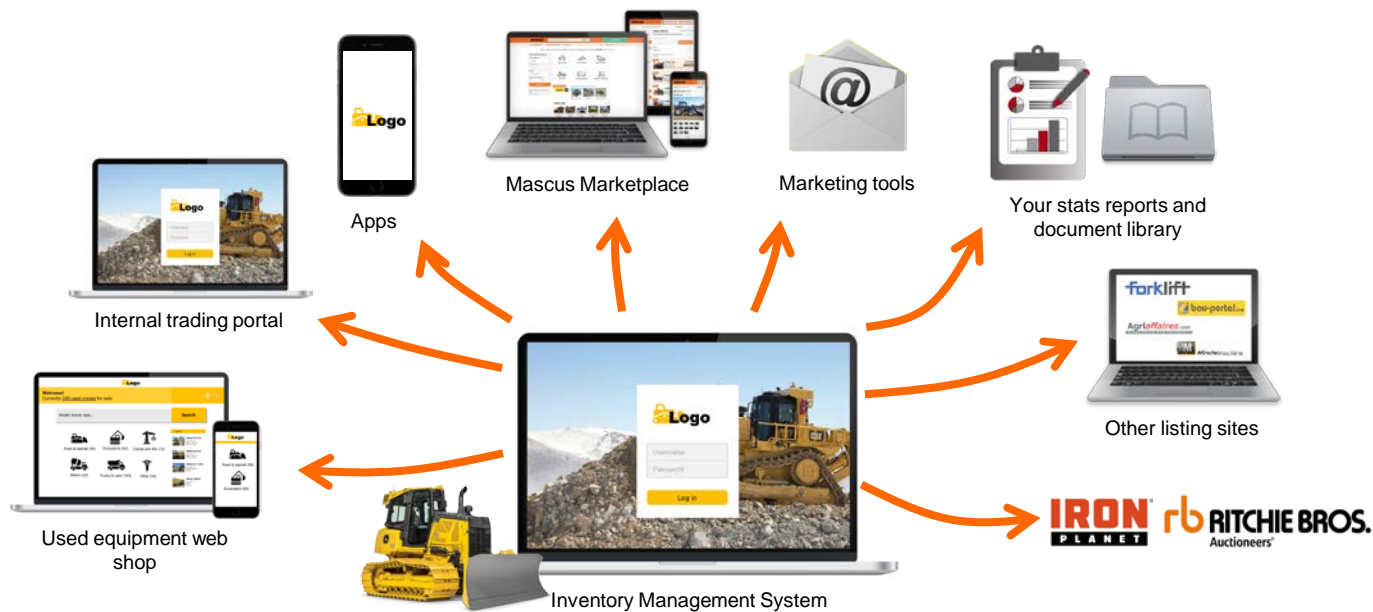
# Our customer references

Construction	Agriculture	Transport	Material Handling	Forestry
     <small>Hitachi Construction Machinery</small>	 <small>JOHN DEERE</small>    <small>MASSEY FERGUSON®</small>  <small>NEW HOLLAND AGRICULTURE</small>	 <small>Mercedes-Benz</small>    	      	  <small>JOHN DEERE</small>    <small>ROTTNE</small>

Remarketing Solutions

# Inventory Management System

# One solution for everything

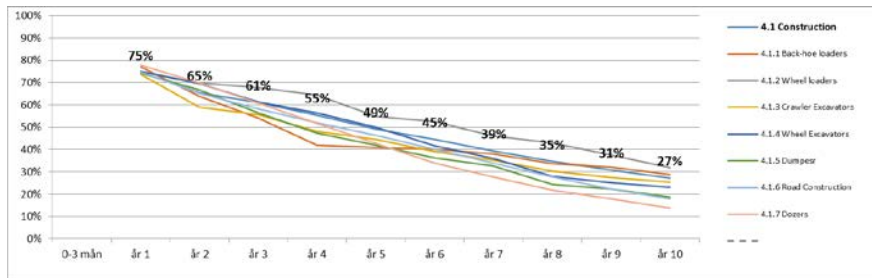


# Mascus Value Index Services

## Capital Adequacy

# Mascus capital adequacy service

- Valuation services for banks, leasing companies, liquidators, insurance companies and public authorities
  - 15 years in financial services
  - 25+ years in valuation services
- We are using a method that has been approved by the Swedish financial inspection, together with the Basel Committee, as a instrument for Basel II/III requirements
- Market analysis and valuations are carried out by specialists
- Everything from individual items to entire credit holdings in accordance with the Basel III-rules
- Basel III demands that a bank must hold capital reserves appropriate to the risk the bank exposes itself to through its lending and investment practices



# Our statistical database

## Approximate number of sales reports in the database:

- Mascus 1 500 000
- Ritchie Bros. 1 300 000
- IronPlanet 500 000
- CAT Auction (2018)



Data from 45  
countries



Data collected since  
1995



Data up to 10 years  
old used to construct  
curves



Updated with  
approximately 70 000  
objects each month



# Capital requirements directive Basel II

The institute may be given permission to calculate other non-financial assets than customer claims and real estates to have an acceptable financial security if the following conditions are met:



1. There is an available second-hand market for the asset



2. There are publicly available well established market prices for the asset



3. The institute can prove that the prices the institute put into practice does not considerably divert from the market price

# Mascus Capital Adequacy services methodology

Proves that the assets have an available and functional second hand market

Gives verified well established market prices for the assets

The prices are publicly available

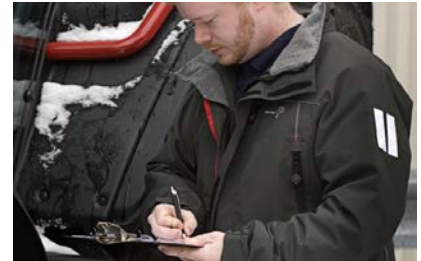
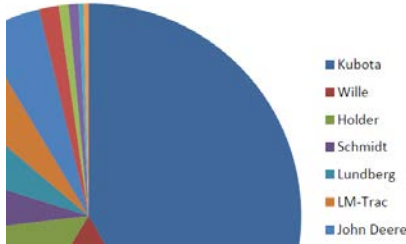
Can, when applied on a finance stock, prove that value of the assets do not considerably divert from the market price



**A methodology that has been repeatedly approved as an instrument for finance institutes to tackle the Basel II/III requirements**

# Services

34%	29%	24%	21%	19%	16%
39%	34%	26%	22%	18%	13%
31%	27%	21%	18%	15%	11%
39%	34%	26%	22%	18%	13%
39%	35%	27%	23%	19%	14%
40%	31%	22%	16%	13%	9%
34%	28%	20%	14%	10%	5%
40%	34%	28%	23%	19%	15%
39%	33%	28%	22%	17%	12%
40%	34%	28%	23%	19%	15%



- Market value and Security value curves
  - Country specific
  - Region specific
  - Global
- Auction sale based
  - Regional

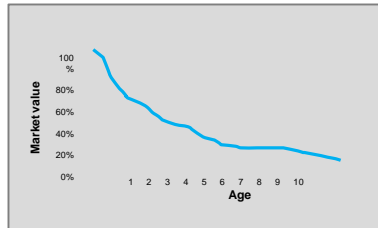
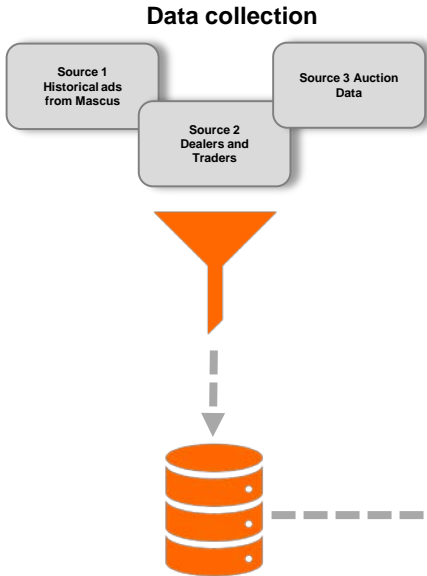
- Market analysis
- Desktop appraisals

- On site evaluation

# Capital adequacy

Material handling													
VLA Description	Ec.Life	Wei.	0-3 m.	year 1	year 2	year 3	year 4	year 5	year 6	year 7	year 8	year 9	year 10
5 - Material handling				78%	68%	58%	51%	46%	40%	37%	33%	31%	27%
5.1 - Forklifts		45%		74%	62%	54%	47%	41%	37%	34%	31%	29%	27%
5.1.1 - Reachstackers	4	19%		68%	60%	50%	43%	37%	31%	25%	20%	17%	15%
5.1.1.1 - Reachstackers, joint				68%	60%	51%	43%	37%	31%	24%	19%	15%	13%
5.1.1.2 - Reachstackers, sit				68%	58%	47%	42%	36%	31%	26%	22%	20%	17%
5.1.1.3 - Reachstackers, stand				69%	61%	53%	47%	39%	33%	28%	24%	20%	17%
5.1.1.4 - Reachstackers, platform				70%	58%	47%	40%	34%	26%	23%	20%	18%	15%
5.1.2 - Counterweightforklifts	7	63%		76%	65%	58%	51%	46%	42%	40%	37%	36%	34%
5.1.2.1 - Electric powered				70%	55%	43%	36%	31%	28%	25%	22%	21%	19%
5.1.2.2 - Diesel powered				80%	72%	67%	61%	56%	51%	49%	46%	45%	44%
5.1.2.3 - Gas powered				70%	50%	37%	32%	28%	25%	22%	20%	18%	17%
5.1.3 - Low lifters	4	3%		70%	51%	35%	27%	20%	16%	13%	11%	9%	8%
5.1.3.1 - Low lifters				70%	51%	35%	27%	20%	16%	13%	11%	9%	8%
5.1.4 - Man down turret trucks	4	11%		70%	55%	45%	36%	30%	26%	22%	21%	20%	18%
5.1.4.1 - Man down turret trucks				70%	55%	45%	36%	30%	26%	22%	21%	20%	18%
5.1.5 - Narrow aisle trucks	4	0%		70%	55%	45%	37%	31%	27%	24%	20%	18%	16%
5.1.5.1 - Narrow isle trucks				70%	55%	45%	37%	31%	27%	24%	20%	18%	16%
5.1.6 - Order pickers	4	4%		70%	54%	42%	33%	28%	24%	21%	18%	16%	15%
5.1.6.1 - Order picker low				70%	58%	49%	40%	35%	29%	25%	21%	19%	18%
5.1.6.2 - Order picker middlehigh				70%	51%	35%	27%	22%	19%	17%	15%	13%	12%

## Data collection method (Capital adequacy)

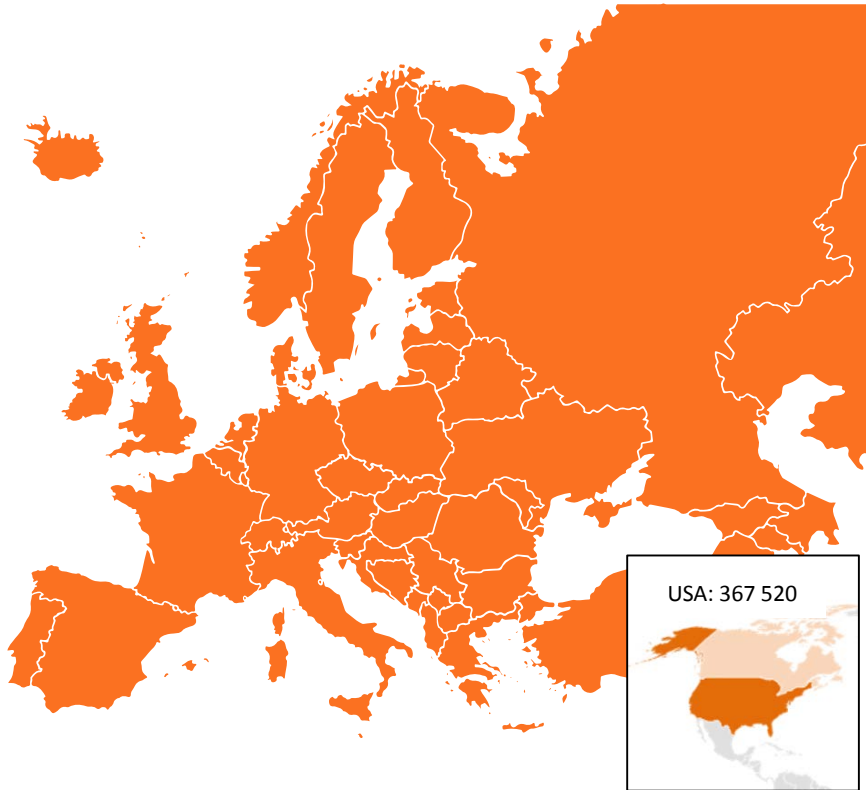


PLA Description	Ex.Life	Wrl.	0-3 m	year	1 year
<b>4 - Construction / Agriculture</b>				<b>73%</b>	<b>66%</b>
<b>4.1 - Construction</b>		80%		74%	66%
4.1.1 - Backhoe loaders	8	0%		77%	65%
4.1.1.1 - Back hoe loaders				77%	64%
4.1.2 - Loaders	8	25%		79%	67%
4.1.2.1 - Crawler loaders				74%	61%
4.1.2.2 - Wheel loaders				79%	68%
4.1.3 - Skid steer loaders				77%	64%
4.1.3 - Crawlers / Excavators	8	52%		73%	67%
4.1.3.1 - Mini excavator (<7 ton)				74%	67%
4.1.3.2 - Medium excavators (>12 ton)				76%	68%
4.1.3.3 - Heavy excavator (>12 ton)				73%	66%
4.1.4 - Wheel excavators	8	13%		75%	66%
4.1.4.1 - Mini excavator (<7 ton)				74%	66%
4.1.4.2 - Medium excavator (>12 ton)				76%	68%
4.1.4.3 - Heavy excavator (>12 ton)				73%	66%

[illegible]

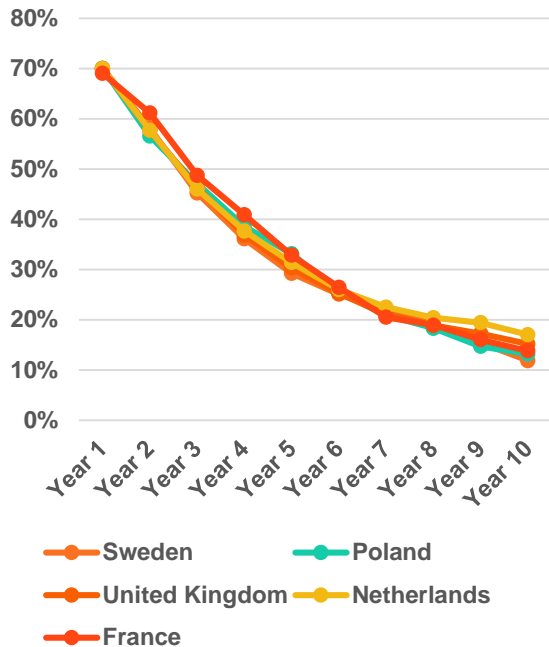
# Data share per country in the world (Examples)

Germany	256 243
Netherlands	132 774
Sweden	114 800
Finland	96 169
Poland	77 713
Denmark	75 996
Norway	61 026
United Kingdom	56 695
France	50 848
Belgium	34 957
Spain	33 120
Hungary	13 341
Italy	12 359
Russia	10 829

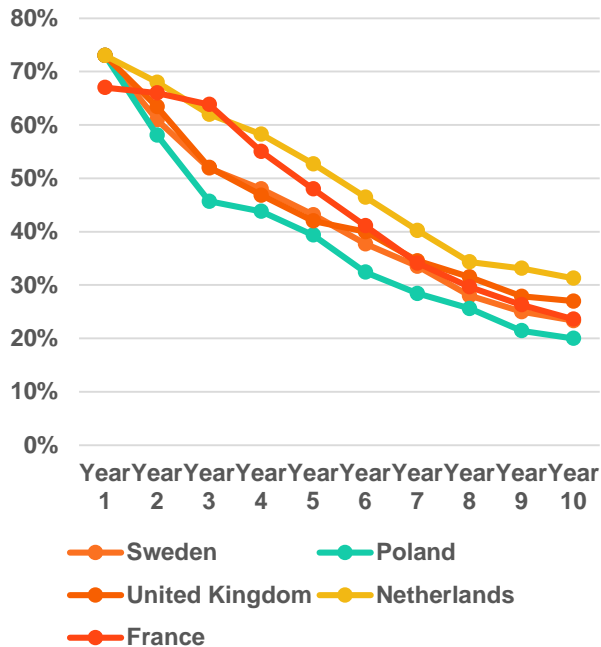


# Different countries depreciation examples

## Heavy Truck tractor unit (3.2.3.17)

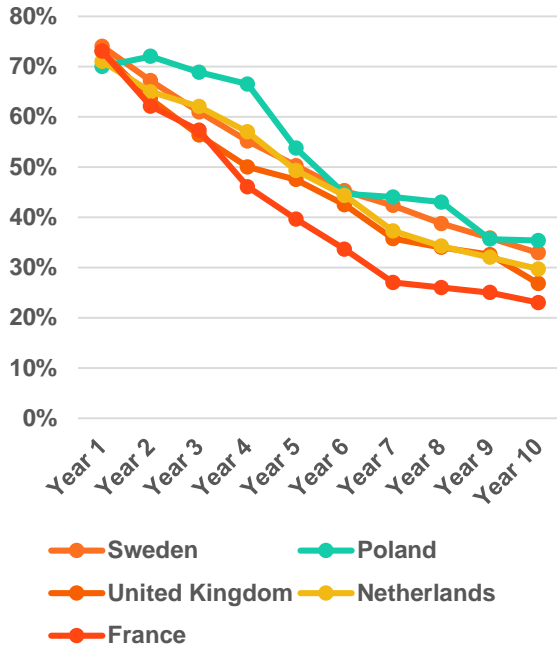


## Heavy crawler excavator (4.1.3.3)

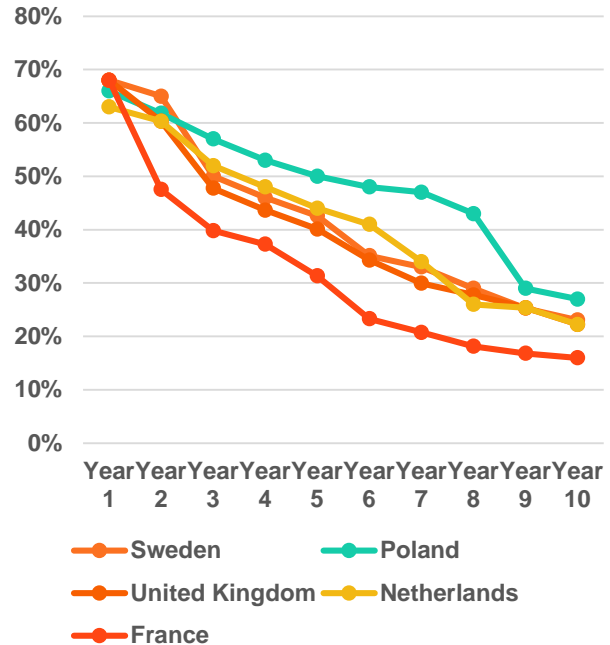


# Different countries depreciation examples

## Large agriculture tractors (4.2.1.2)



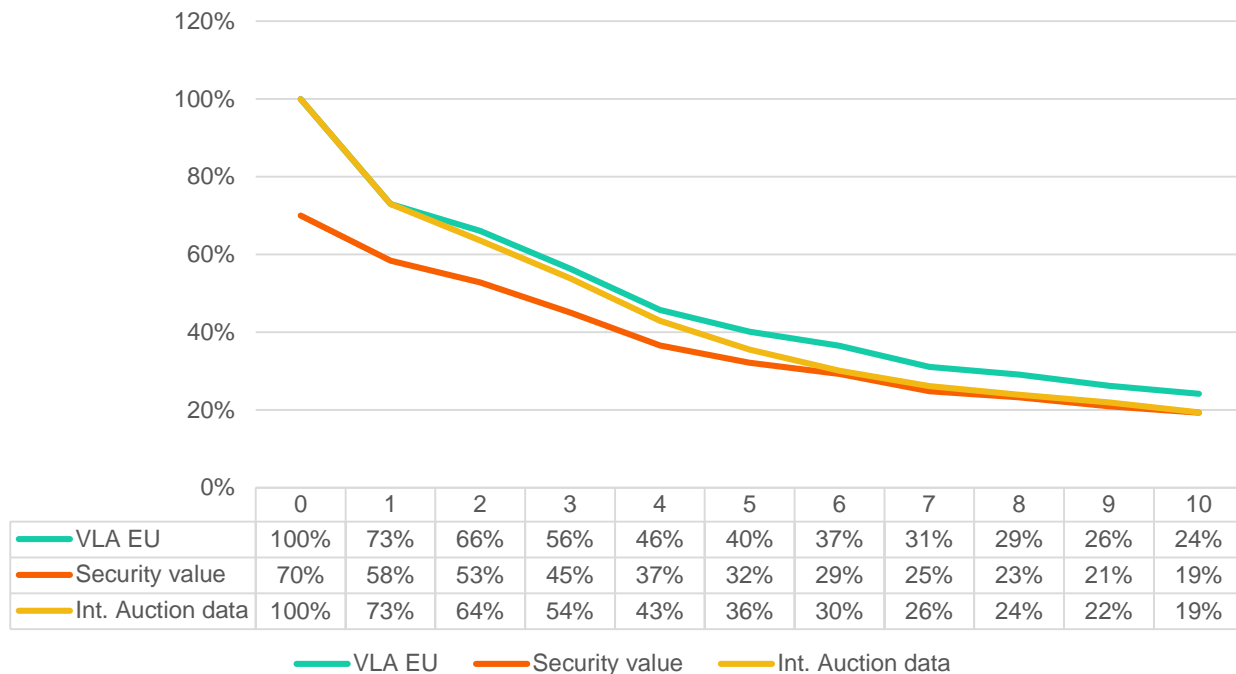
## Agriculture rounds balers (4.2.3.1)





# Compare auction data to VLA index

Crawler excavators 12t+



# Product specifications



**Best collection** of data  
in the industry



**24 / 7 / 365** access  
package through XML  
feeds



**x4 releases** a year  
with Excel/PDF versions  
for regions and countries



Always maintained  
and **up to date** database

## **Wide product range!**

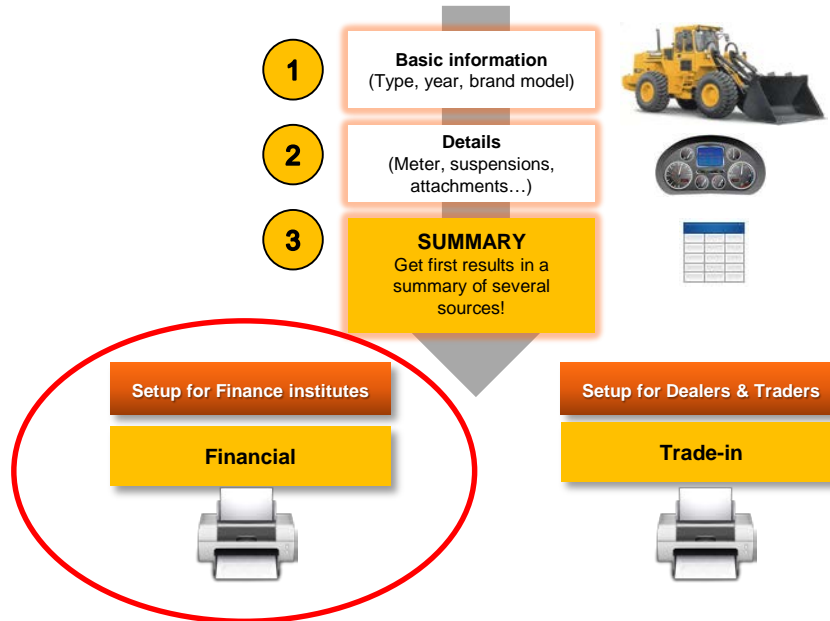
- Workshop / Printing
- Agriculture
- Construction
- Transport
- Materialhandling
- Forestry



Mascus valuation tools

Price indicator & Finance calculator

# Working with our valuation tool



# 1. Basic information about the equipment

**Basic information**

<b>Industry *</b>	<input type="text" value="Construction / Agriculture"/>	<input type="text" value="Caterpillar"/>
<b>Product</b>	<input type="text" value="Construction"/>	
<b>Usage</b>	<input type="text" value="Loaders"/>	<b>Manufacturing year *</b>
<b>Range</b>	<input type="text" value="Wheel loaders"/>	<input type="text" value="2016"/>
		<b>Vehicle key</b>
		<input type="text"/>

Next





### 3. Statistic details

Source view

Current filter:  
Sweden

Change

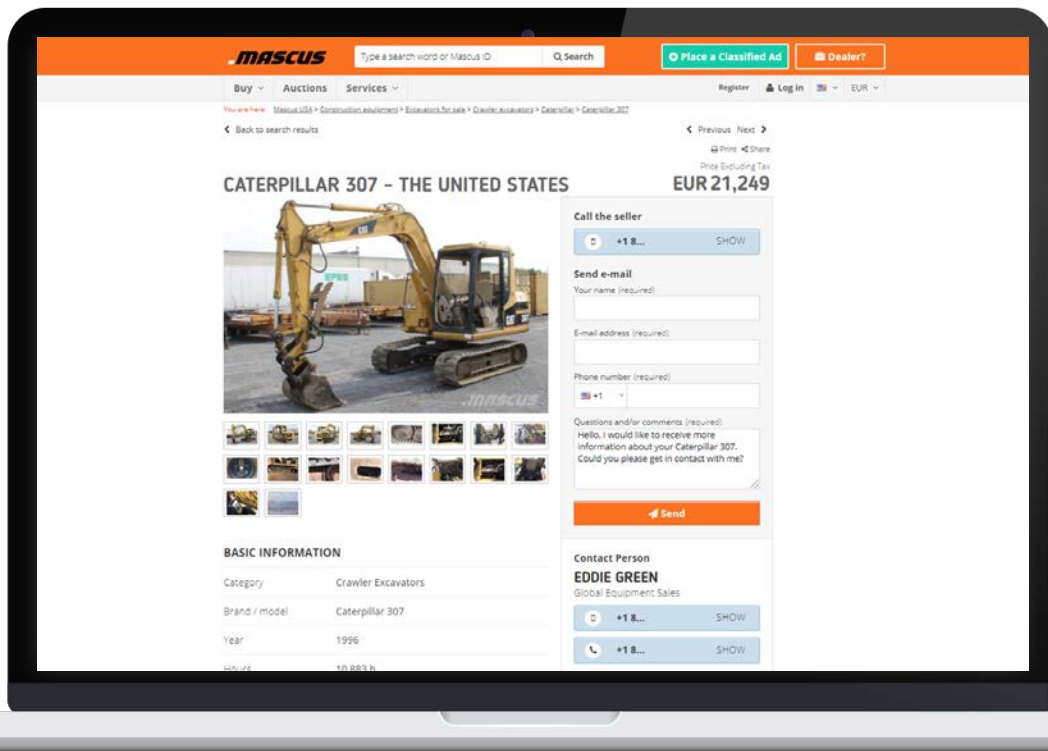
Show records with a price and manufacturing year according to:  
Show only selected | Manufacturing year | Manufacturing year +/-1 years | Manufacturing year +/-2 years (all) | Show exact

Select records from result list according to:  
Select filtered | Unselect all

Description	Year	Price	Days	Meter	Date	Country	Details
<input checked="" type="checkbox"/> Caterpillar 307C	2005	39 510	59	3 500	2013-03-18	SE	<a>Show...</a>
<input checked="" type="checkbox"/> Caterpillar 307C	2005	38 570		3 500	2013-03-18	SE	<a>Show...</a>
<input checked="" type="checkbox"/> Caterpillar 307C	2005	51 150	45	3 500	2013-07-01	SE	<a>Show...</a>
<input checked="" type="checkbox"/> Caterpillar 307C	2005	51 450	38	3 500	2013-08-08	SE	<a>Show...</a>
<input checked="" type="checkbox"/> Caterpillar 307C	2005	51 870	56	3 500	2013-10-03	SE	<a>Show...</a>
<input checked="" type="checkbox"/> Caterpillar 307C	2005	50 390	41	3 500	2013-11-13	SE	<a>Show...</a>
<input checked="" type="checkbox"/> Caterpillar 307C	2005	33 490	26	3 500	2013-12-09	SE	<a>Show...</a>
<input checked="" type="checkbox"/> Caterpillar 307C	2007	42 810	199	3 750	2014-06-16	SE	<a>Show...</a>
<input checked="" type="checkbox"/> Caterpillar 307C	2005	33 950	44	3 500	2014-01-22	SE	<a>Show...</a>
<input checked="" type="checkbox"/> Caterpillar CAT 307C eng...	2006	47 270	111	4 093	2013-12-11	SE	<a>Show...</a>
<input checked="" type="checkbox"/> Caterpillar CAT 307C med...	2007	60 600	431	3 508	2013-08-14	SE	<a>Show...</a>
<input checked="" type="checkbox"/> Caterpillar CAT 307C rot...	2006	48 690	304	4 062	2013-08-22	SE	<a>Show...</a>
<input checked="" type="checkbox"/> Caterpillar CAT 307C rot...	2006	53 140	309	3 188	2013-09-01	SE	<a>Show...</a>
<input checked="" type="checkbox"/> Caterpillar CAT 307C SB ...	2007	53 320	110	3 713	2013-12-02	SE	<a>Show...</a>
<input checked="" type="checkbox"/> Caterpillar CAT 307C sve...	2006	45 920	23	3 197	2013-09-24	SE	<a>Show...</a>

Close

## 4. Object card





# Setup financing (example)

**Calculation**

**Current value according to VLA**

<b>Price when new</b>	<b>Market value</b>	<b>Security value</b>
105 000	71 400 (68 %)	57 120 (54 %)

**Future value development**

<b>Initial value</b>	<b>Contract length</b>
65 100	60 months (5 years)

<b>Period</b>	<b>Market value</b>	<b>Security value</b>
12 months (3 years old)	56,000 (59 %)	45,000 (47 %)
24 months (4 years old)	50,000 (52 %)	40,000 (42 %)
36 months (5 years old)	44,000 (46 %)	35,000 (37 %)
48 months (6 years old)	38,000 (40 %)	31,000 (32 %)
60 months (7 years old)	32,000 (34 %)	26,000 (27 %)

Presented values are based on the input value is correct. Input value is affected by factors such as model, specification, condition, Mileage, and the general market.

# Working with our valuation tool



# 1. Basic information about the equipment

**Basic information**

<b>Industry *</b>	Construction / Agriculture	<b>Make *</b>	Volvo
<b>Product *</b>	Construction	<b>Model *</b>	L120 E
<b>Usage *</b>	Loaders	Please select...	
<b>Range *</b>	Wheel loaders	L50 F L50 E L60 E L60 F L70 D L70 E L70 F L90 E L90 F <b>L120 E</b> L120 F L150 F L150 E L180 E L180 F L220 E L220 F	

Next



## 2. Details



Details

Meter state ✖

11 800 Hours

Valuation date

Joystick control ✖

No joystick control

Hydraulic system ✖

Standard hydraulic system

Lubrication ✖

Standard lubrication

Diesel warmer ✖

Diesel warmer installed

Load suspension ✖

Load suspension installed

Quick lock ✖

Quick locks installed

Select standard specification

Super structure

☒ Grading bucket

☐ Bucket gravel & rock

Overall condition ✖

Normal (+0%)

Tires ✖

Normal (25-75% left)

Item 1

Value

Item 2

Value

Next



## 4. Statistic details

Source view

Current filter:  
Sweden

Change

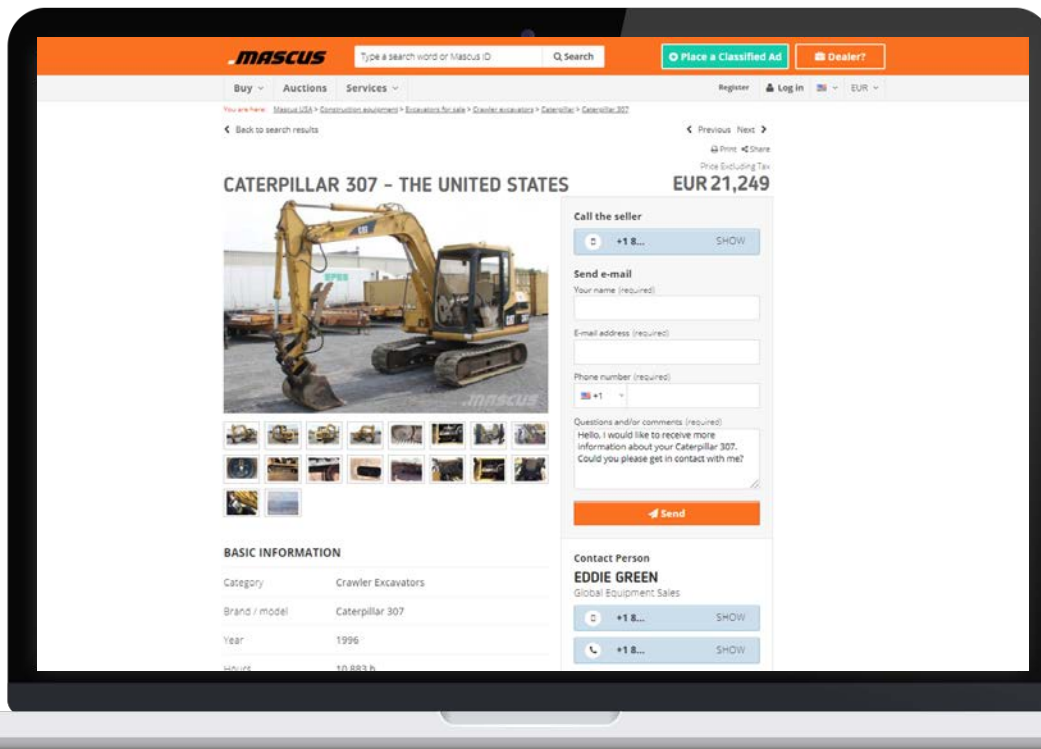
Show records with a price and manufacturing year according to:  
Show only selected | Manufacturing year | Manufacturing year +/-1 years | Manufacturing year +/-2 years (all) | Show exact

Select records from result list according to:  
Select filtered | Unselect all

Description	Year	Price	Days	Meter	Date	Country	Details
<input checked="" type="checkbox"/> Caterpillar 307C	2005	39 510	59	3 500	2013-03-18	SE	Show...
<input checked="" type="checkbox"/> Caterpillar 307C	2005	38 570		3 500	2013-03-18	SE	Show...
<input checked="" type="checkbox"/> Caterpillar 307C	2005	51 150	45	3 500	2013-07-01	SE	Show...
<input checked="" type="checkbox"/> Caterpillar 307C	2005	51 450	38	3 500	2013-08-08	SE	Show...
<input checked="" type="checkbox"/> Caterpillar 307C	2005	51 870	56	3 500	2013-10-03	SE	Show...
<input checked="" type="checkbox"/> Caterpillar 307C	2005	50 390	41	3 500	2013-11-13	SE	Show...
<input checked="" type="checkbox"/> Caterpillar 307C	2005	33 490	26	3 500	2013-12-09	SE	Show...
<input checked="" type="checkbox"/> Caterpillar 307C	2007	42 810	199	3 750	2014-06-16	SE	Show...
<input checked="" type="checkbox"/> Caterpillar 307C	2005	33 950	44	3 500	2014-01-22	SE	Show...
<input checked="" type="checkbox"/> Caterpillar CAT 307C eng...	2006	47 270	111	4 093	2013-12-11	SE	Show...
<input checked="" type="checkbox"/> Caterpillar CAT 307C med...	2007	60 600	431	3 508	2013-08-14	SE	Show...
<input checked="" type="checkbox"/> Caterpillar CAT 307C rot...	2006	48 690	304	4 062	2013-08-22	SE	Show...
<input checked="" type="checkbox"/> Caterpillar CAT 307C rot...	2006	53 140	309	3 188	2013-09-01	SE	Show...
<input checked="" type="checkbox"/> Caterpillar CAT 307C SB ...	2007	53 320	110	3 713	2013-12-02	SE	Show...
<input checked="" type="checkbox"/> Caterpillar CAT 307C sve...	2006	45 920	23	3 197	2013-09-24	SE	Show...

Close

## 5. Object card



# Setup trade-in (example)

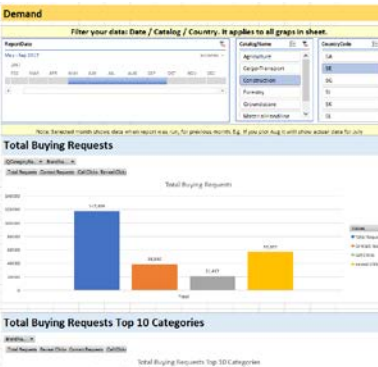
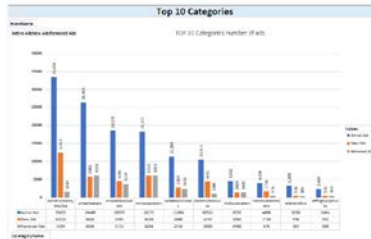
Calculation		Current period	Future period
Valuation Date		2010-10-15	2011-04-15 (6 months) ▼
Current meter		245 000 Km	+ <input type="text" value="40 000"/> Km = 285 000 Km
<b>Market value</b>		<b>65 100</b>	<b>61 800</b>
Deprecation per hour/mile		0,27	
Sales margin	<input type="text"/> %	- <input type="text"/>	-0
<b>Purchase price</b>		<b>65 100</b>	<b>61 800</b>
Repair cost		- <input type="text" value="150"/>	- 150
Recondition cost		- <input type="text" value="230"/>	- 230
<b>Real value</b>		<b>64 720</b>	<b>61 420</b>
<i>All prices in €</i>			



Capital adequacy

Trends & market analysis

# We have a lot of data!





## Construction

- 2017 exceeded sales expectations
- Higher demand vs. 2016
- OEMs order books full & production lines busy
- Lack of supply drives prices up for used equipment
- New technology drives sales
- New infrastructure boosts the market
- Stage 5 will affect the market during next year

# Agriculture

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- Industry mood reaches highest level since 2009
- Most markets experienced sales growth in 2017 with few exceptions, f.i. France
- Today, most OEMs have 3 months of productions booked ahead
- In 2018 the market may grow further, OEMs show confidence
- Two directions of agriculture is forming
  - Organic production with low production levels
  - Precision agriculture with high production levels





## Transport & Material Handling

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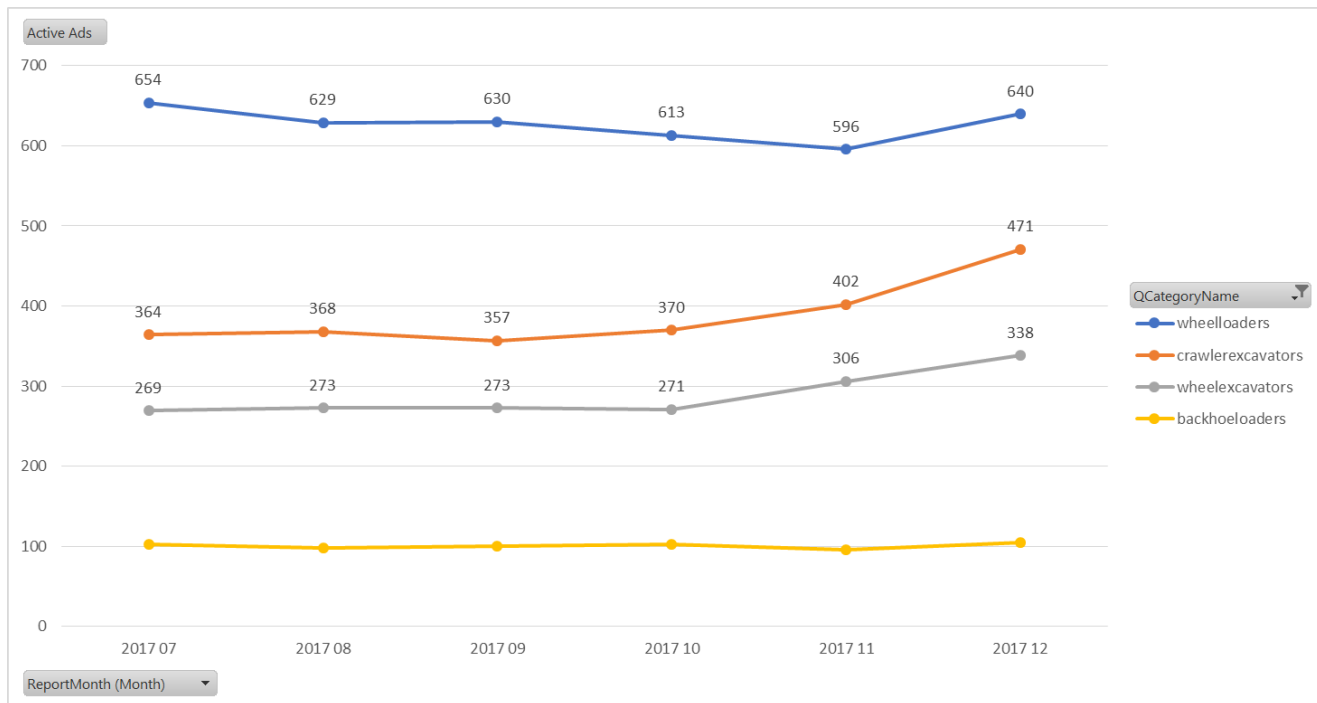
- Steady growth
- Both markets benefit from the good health in the construction sector
- Low stocks on used objects
- Trucks/Busses of Euro 5 or lower are dead as second hand objects
- Used refurbished forklifts as a new segment
- Rental business coming strong in both sectors



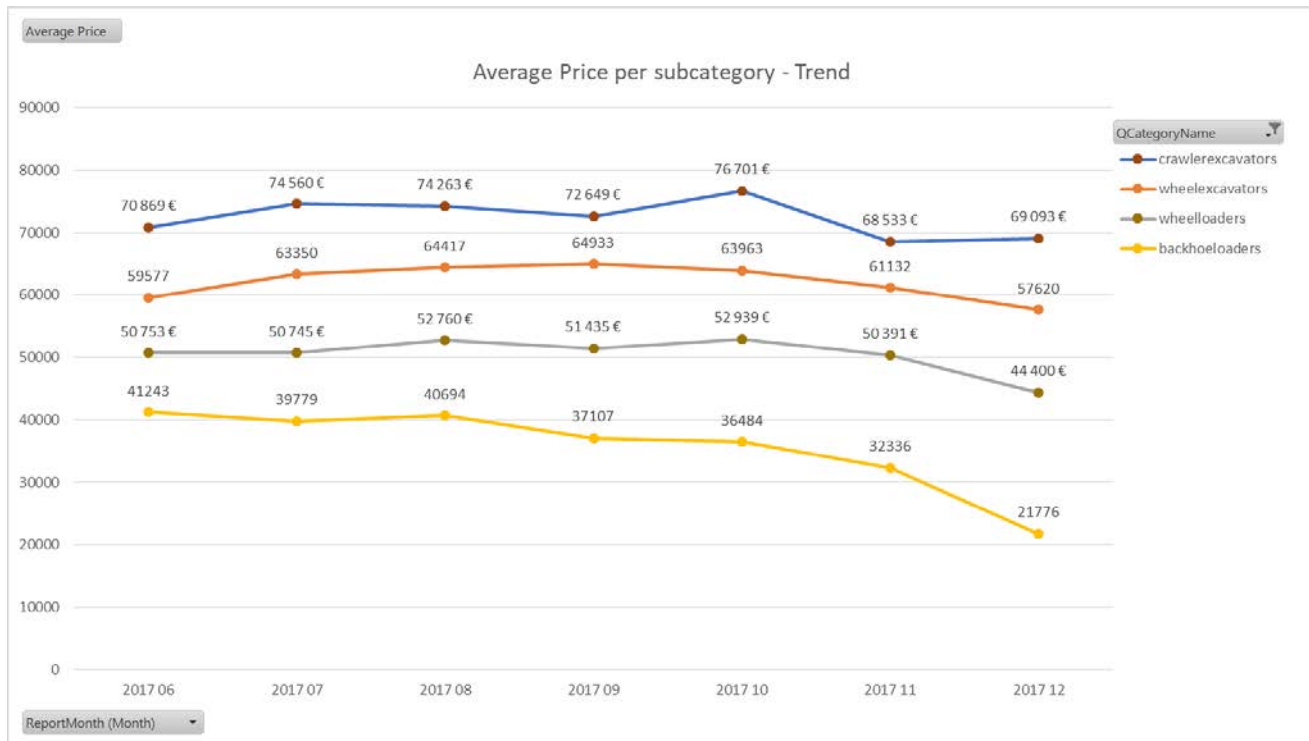
## Machine tools

- Declining market since 2008
- New sales with high discounts
- Chinese machines flood the market (beware of issues)
- Manually operated machines still has a good market when used

# Construction machines for sale



# Average price in construction machinery





# Prognosis of future changes

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
4.1.1.1	70%	63%	56%	47%	45%	43%	37%	35%	33%	31%
4.1.2.1	74%	66%	63%	59%	54%	50%	42%	35%	30%	26%
4.1.2.2	77%	73%	62%	51%	41%	32%	30%	28%	26%	24%
4.1.2.3	75%	67%	61%	52%	42%	38%	37%	36%	35%	34%
4.1.3.1	75%	66%	55%	51%	45%	41%	39%	37%	35%	34%
4.1.3.2	76%	67%	59%	50%	44%	41%	39%	35%	31%	30%
4.1.3.3	73%	64%	54%	43%	38%	34%	29%	27%	25%	23%
4.1.4.1	74%	68%	55%	45%	44%	43%	35%	34%	33%	32%
4.1.4.2	75%	67%	64%	51%	44%	39%	35%	32%	31%	28%

**Let's build together a  
great collaboration**

